

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A method of modifying a node-based data source comprising the steps of:

associating nodes in the node-based data source with a set of first identifiers;

selecting one of the nodes in the node-based data source by selecting a corresponding node from a separate and transformed version of the data source, the corresponding node in the separate and transformed version having the same first identifier as the selected node in the node-based data source;

deleting the selected node in the node-based data source by reference to the selected node's identifier or inserting a new node into the node-based source in a position relative to the selected node's position; wherein

the first identifiers are used to identify the same nodes in the node-based data source after the deletion of the selected node or insertion of the new node in the node-based data source.

2. (Previously presented) A method as claimed in claim 1 wherein

the corresponding node in the separate and transformed version and the node in the node-based source are mapped to each other by a series of further identifiers; and

each further identifier in the series representing a transformation in a series of multiple-transformation to transform the node-based source into the transformed version.

3. (Currently amended) A method as claimed in claim 1 ~~claims 1 or 2~~ wherein inserting a new node into the node-based data source comprises the steps of:

initiating an insertion of a node via the transformed version; and

updating the node-based data source by creating the new node in the node-based data source;

wherein the new node is positioned in the node-based data source in a position relative to the position of the identified node.

4. (Currently amended) A method as claimed in claim 1 ~~any one of the preceding claims~~ wherein the node-based data source is a marked-up language document.

5. (Currently amended) A method as claimed in claim 1 ~~any one of the preceding claims~~ wherein the transformed version is a marked-up language document.

6. (Currently amended) A method as claimed in claim 1 ~~any one of claims 1 to 5~~ wherein the data source is a transformation script.

7. (Currently amended) A method as claimed in claim 1 ~~any one of claims 1 to 6~~ wherein identifiers are unique in the node-based data source.

8. (Previously presented) A data source structured to operate as a node-based data source having at least one node associated with an identifier; wherein

the same identifier is used to identify the same node when other nodes are added to or deleted from the data source.

9. (Previously presented) A data source as claimed in claim 8 wherein the node-based data source is an XML document.

10. (Currently amended) A data source as claimed in claim 8 ~~any one of claims 8 to 9~~ wherein the node-based data source is a transformation script.

11. (Currently amended) A data source as claimed in claim 8 ~~any one of claims 8 to 10~~ wherein the identifier is unique in the node-based data source.

12. (Previously presented) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source; wherein
the identifier is used to identify the same node in the data source when other nodes are added to or deleted from the data source.

13. (Previously presented) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 wherein

the identifier is tagged with information on the state of display of the transformed document;

whereby the identifier is a means of serialising the state of display of the transformed version of the data source such that a second transformed version of the data source has the same state of display .

14. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~or 13~~ wherein the identifier is composed of one or more identifiers derived from user identity.

15. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~any one of claims 12 to 14~~ wherein the identifier is composed of one or more identifiers derived from hardware identity.

16. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~any one of claims 12 to 15~~ wherein the identifier is composed of identifiers derived from one or more identifiers derived from hardware identity and one or more identifiers derived from user identity.

17. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~any one of claims 12 to 16~~ wherein the data source is a transformation script.

18. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~any one of claims 12 to 17~~ wherein

- the identifier comprises a portion indicating the data source;
- a portion indicating the node; and
- a portion indicating the parent node of the node;

whereby nodes of different data sources having the same node identifier and integrated in the transformed version are differentiable by the portions indicating the parent nodes or the data source.

19. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~any one of claims 12 to 18~~ wherein the identifier is unique in the data source.

20. (Currently amended) An identifier for identifying a node in a data source and also a corresponding node in a transformed version of the data source as claimed in claim 12 ~~any one of claims 12 to 19~~ wherein the data source is an XML document.